

From wd5ivd@tapr.org Wed Jul 08 21:07:19 1998
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Date: Wed, 8 Jul 1998 21:06:36 -0500
To: " TAPR/AMSAT DSP "<dsp@tapr.org>,
"TAPR-BB list mailing"<tapr-bb@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: TAPR EVM56002 Interface boards and Enclosure Kit

Introducing the TAPR EVM56002 Interface boards and Enclosure Kit
<http://www.tapr.org/tapr/html/dsp56002evm.html>

TAPR is now taking orders for the first round of EVM56002 Interface with
enclosure kits until September 15th.

This kit provides:

- An EVM Interface Board Kit and Enclosure for the Motorola EVM56002
- All parts - including screws and standoffs
- Schematics and Documentation (Assembly and Operations)
- Software

A Motorola EVM56002 (DSP) Interface board IS NOT INCLUDED

The price is:

- \$135.00 US for members of TAPR
- or
- \$150.00 US for non-members
- + shipping/handling

TAPR kits can be complex depending on the kitting experience of each
builder. We don't think you will have trouble with the interface kit, but
it does require some knowledge and experience to successfully go from a kit
to a finished, usable unit, depending on the mode of operations. For data
radio applications (i.e. 9600 baud FSK), special modifications must be made
to your radio for proper operation of the EVM interface. In addition, the
interface kit requires that you have a Motorola EVM56002 Interface unit.
These can be purchased from several electronic distributors (see web page).

TAPR requires that kit purchasers provide VISA/MC information or
checks/money orders with their initial purchases. Money for the initial
kit purchase will be deposited on September 15th, 1998 to cover kitting
costs. Orders will be taken for the first 200 units. If more than 200
units are ordered, then a second or third batch will be done as soon as
additional parts inventory can be purchased and kitted. In this way, the
interface kit will be provided in the exact numbers required for the
demand. After this initial kit offering, EVM interface kits will be
provided in batches as the demand warrants doing kits. The initial batch
of kits will be as large as the demand requires, which we hope is large.

The more the merrier!

EVM interface kit orders for the initial purchase will be taken until September 15th, 1998. Orders can be mailed to the TAPR address: 8987-309 E. Tanque Verde Rd #337, Tucson, Az, 85749-9399, call (940) 383-0000 (Office Hours: Tue-Fri, 9am-12noon, 3pm-5pm Central Time), or fax (940) 566-2544. If you have questions concerning the unit, check the web page.

The interface kit has been discussed for about the last year, with a group coming forward late in 1997 to complete the design process. PSR Issue #69, Winter 1998, has the full description with photos. Current information on the kit is now available at <http://www.tapr.org/tapr/html/dsp56002evm.html>

This design of the radio interface for the Motorola DSP56002EVM is based on Johan Forrer's, KC7WW, original design. In February 1997, Douglas Braun, N10WU, released his software suite for the EVM, based on the Finnish Alef Null groups work, and revised his interface to be more flexible than Johan's. The TAPR interface is a happy medium between Johan's and Doug's design. The goal is to make the interface flexible for past and present code developed for the EVM and to create a flexible programming interface for future programmers.

The development team consists of:

Steve Bible, N7HPR	Project Manager, Prototype builder
Lyle Johnson WA7GXD	PCB design and Prototype builder
Johan Forrer KC7WW	Prototype builder
Tim Baggett, AA5DF	Prototype builder
Douglas Braun, N10WU	Prototype builder
John Koster, W9DDD	PCB Liaison, Beta Tester
Mark Hammond, KC4EBR	Beta Tester
Bdale Garbee, N3EUA	Beta Tester
Keith Justice, KF7TP	Beta Tester
John Ackerman, N8UR	Beta Tester
Frank Perkins, WB5IPM	Beta Tester
Steven Taft, KA1WX	Beta Tester
David Borden, K8MMO	Beta Tester
Louis Cobet, K6MDH	Beta Tester
Jim Lynch, K4GVO	Beta Tester
L.J. Shepard	Beta Tester
Greg Jones, WD5IVD	Assistant Project Manager
Joe Borovetz, WA5VMS	Part Procurement
Rich Mulvey, AA2YS	Documentation

Tucson Amateur Packet Radio

8987-309 E Tanque Verde Rd #337 * Tucson, Az * 85749-9399

e-mail: tapr@tapr.org web: <http://www.tapr.org/>

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To: "TAPR-BB list mailing" <tapr-bb@tapr.org>
From: "Greg Jones, WD5IVD" <wd5ivd@tapr.org>
Subject: TAPR 1998 CD-ROM
Cc: "Bill Westradio Pasternak" <billwa6itf@aol.com>,
"Len KB7LPW Winkler" <lenwink@indirect.com>,
"Hap KC9RP RAIN Holly" <hholly@ais.net>,
"Greg Jones WD5IVD" <wd5ivd@tapr.org>, "Rich CQ VHF" <CQVHF@aol.com>,
"Gagne, Jennifer, N1TDY" <jgagne@arrl.org>,
"Donald Rotolo" <73227.2644@compuserve.com>,
"Stan Horzepa" <stanzepa@nai.net>,
"Ham Radio On-line" <vbook@vbook.com>,
"Tom McDermott" <mcdermot@eagle.aud.alcatel.com>,
<rlindquist@arrl.org>, "Brad Smith, KC5SP" <brads@galstar.com>

TAPR 1998 CD-ROM
<http://www.tapr.org/tapr/html/cdrom98.html>

The TAPR 1998 CD-ROM in its third year is available!

The CD was supposed to have been ready for Dayton, but the CD house we used botched the job big time and now some six weeks after Dayton we have the CDs in the office. For those that ordered the 1998 CD, you should be getting yours in the mail very soon. The CD features updated information and software. Check the web page for the list of current updates.

The CD is an ISO-9660 standard, which will allow it be accessed on any number of platforms.
The price is -- \$20, + \$5 s/h.

The new virtual audio segments on the 1998 CD include:

* 1997 ARRL and TAPR Digital Communications Conference

Couldn't attend the 1997 DCC outside Baltimore, MD ? Then this is your chance to listen to the entire conference. Over 30 hours of audio all together! Plus an entire section of photos taken during the conference!

* 1997 Open Ham Radio Town Meeting held at Dayton HamVention

On Saturday, May 17th, 1997, Len Winkler, KB7LPW, hosted the first Open Ham Radio Town Meeting at Dayton HamVention. Listen in to this fast-paced forum as various individuals face off on:

Is the ARRL doing all it can to promote the future of Amateur Radio?

Should contest operators be banned from seeking contacts in parts of the various bands?

Is the Internet killing ham radio?

Should there be a CW requirement for voice operation on the High

Frequency bands?

* 1997 Texas Packet Radio Society Fall Digital Symposium

TPRS held its six annual fall digital symposium in Austin, Texas on December 6th, 1997. You'll see the latest news and information regarding the TexNet, TAPR's FHSS radio project, and other topics. A good meeting.

TAPR 1997 CD-ROM

<http://www.tapr.org/tapr/html/cdrom97.html>

TAPR still has plenty of the 1997 CD-ROM. While some of the software isn't the latest, the CD still provides audio meetings for

* 1996 ARRL and TAPR Digital Communications Conference

1996 DCC in Seattle, WA. Over nine hours of audio all together! Plus an entire section of photos taken during the conference!

* 1996 Texas Packet Radio Society (TPRS) Digital Forum at HamCom

TPRS Digital Forum (held since 1988) is held in conjunction with the Dallas/Ft Worth HamCom yearly. Presentations include: DXng by Packet, Spread Spectrum an Overview, Exploring the Internet, Beginning Digital Communications, How to use TexNet, APRS: Radiolocation by Packet, 9600 baud, Packet and the NWS, and Accessing the PACSATs. Some really good talks.

* 1996 TAPR Digital Forum and Banquet Talks (Dayton Hamvention)

The entire TAPR Digital Forum as well as the Friday night Banquet talk by Phil Karn, KA9Q. Over three hours of audio all together! The digital forum includes presentations by: Greg Jones, WD5IVD, Barry McLarnon, VE3JF, Phil Karn, KA9Q, Steve Bible, N7HPR, Barry Buelow, WA0RJT, Paul Newland, AD7I, and moderator John Ackermann, AG9V. Topics include: Spread Spectrum, 56K operations, DAS/PCON, and more! Phil's talk is on "A High-Performance Satellite Mode for the PC."

* Bob Bruninga, WB4APR, discusses the APRS Mic Encoder.

Bob Bruninga, WB4APR, uses the APRS Mic Encoder while discussing its usage. The recorded audio was the result of recording the audio from a scanner listening to Bob talk on his 2-meter radio with GPS and APRS Mic Encoder installed. This is an excellent example of the combination of current narrow-band amateur technology with newer digital technology to enhance tracking options.

* An interview with Joe Borovetz, WA5VMS, on Land Mobile Radio Modifications.

This is an interview with Joe Borovetz, WA5LHS, concerning Land Mobile Radio Modifications and issues for amateur radio usage. Joe is one of the two authors of the upcoming TAPR Land Mobile Radio Modifications Book. Joe covers general information on several radios, minimum test equipment needed, and some general thoughts on the subject at hand.

* 1995 TAPR Annual Meeting, St. Louis, MO.

Couldn't attend the TAPR meeting in March of 1995 ? Well - here is your opportunity using RealAudio to listen in to both the Sunday workshops. The DSP-93 Workshop by Bob Stricklin, N5BRG, and Tom McDermott, N5EG as well as a seminar on Error Control Coding by Phil Karn, KA9Q are made available. Using the Adobe Acrobat format (pdf), we have provided the overheads and between the audio and the overheads you should be able to get a lot from the workshop you couldn't attend!

* Repeater Frequency Coordinators Meeting, Oct 7th, 1995

Hear the entire meeting of the nation's repeater frequency coordinators who met with the ARRL and the FCC in St. Charles, Missouri, October 7th, 1995. It was a politically charged meeting that has changed the face of VHF operation forever. This is because there is now a tentative agreement by which the American Radio Relay League has tentatively agreed, subject to board approval, to represent the nations coordinators to the FCC. This, in exchange for the commission recognizing the work of the coordinators and possibly making their decisions binding on the ham radio community.

* Packet Radio for the Beginner. 1994 Presentation at Dayton

HamVention

Join TAPR at the 1994 Digital Forum hosted at Dayton each year. This presentation hears Greg Jones, WD5IVD, discuss the aspects of beginning packet radio. Learn the What? Why? and How? about Packet Radio. This approx 30 min audio presentation shouldn't be missed if you are new to Packet Radio.

* 1982 TAPR Presentation for SLAPR

Listen in on a classic TAPR presentation concerning the TAPR Beta and TNC-1 held during the first years of the TAPR organization. This talk is by Chuck Green, N0ADI, Lyle Johnson, WA7GXD, and Den Connors, KD2S and was taped in AZ for a presentation that was later shown in St. Louis, MO. A real treat to listen in on the founders of TAPR talk about the new technology and what it might it become -- some of it came true -- some didn't. This is a glimpse into the past! If you really feel the need, the QuickTime movie of the presentation is now available on the TAPR CD-ROM -- only 34Megs!

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